

Amendments to the Specification

Please insert the following as the first paragraph beneath the title on page one of the specification.

This application is the National Stage of Application No. PCT/EP2004/009368, filed on August 20, 2004, which claims benefit under 35 U.S.C. § 119(e) of U.S. Provisional Application No. 60/497,226 filed August 22, 2003. The contents of both are incorporated herein by reference in their entirety.

Please insert the following text as the Abstract:

Abstract

This invention provides screening methods for agents effective in treating insulin resistance through specific inhibition of S6 kinase 1 activity. Also provided are methods of treating insulin resistance by administering an effective amount of an inhibitor specific for S6 kinase 1.